

VOLOKITIN, I.; MALANCHEV, L.

Fleets of the fifth ocean. NTO 4 no.8:40-43 Ag '62.

(MIRA 15:8)

1. Zamestitel' glavnogo redaktora zhurnala "Grazhdanskaya aviatsiya" (for Volokitin).
  2. Zaveduyushchiy otdelom redaktsii zhurnala "Grazhdanskaya aviatsiya" (for Malanchev).
- (Aeronautics, Commercial)

VOLOKUSHIN, H.M.; MOROZ, D.F.; BOLKHOVS'KIY, O.P.; KOVAL'OV, I.S.,  
KHAVCHUK, F.I.; NEMENKO, L., redaktor; VUYEK, M., tekhnichniy  
redaktor.

[New methods of organizing masonry] Novi metody orhanizatsii  
muliars'kykh robit. Kyiv, Derzh.vyd-vo tekhnichnoi lit-ry URSR,  
1954. 75 p. [Microfilm] (MLRA 8:2)  
(Masonry)

VOLOKUSHINA, A.A.; PAKTOVSKIY, Ya.V. (Kuybyshev)

Case of diaphragmatic flutter. Klin.med. 37 no.2:125-126 P '59.  
(MIRA 12:3)

1. Iz propedevticheskoy terapevticheskoy kliniki (zav. - prof.  
S.V. Shestakov) i kafedry rentgenologii i radiologii (zav. - prof.  
Ye.L. Kevesh) Kuybyshevskogo meditsinskogo instituta.  
(DIAPHRAGM, dis.  
flutter (Rus))

VOLOKYTENKO, A.Ye., molodshyi naukovyi spivroditnyk; FILATOV, V.P., diisnyi chlen  
AN URSR i AMN SRSR, dyrektor.

Effect of antireticular cytotoxic serum on the formation of biogenous stimulators  
in the animal organism. Medych.zhur. 21 no,4:89-94 '51. (MIRA 6:10)

1. Ukrayins'kyi eksperymental'nyi instytut ochnykh khvorob im. akad. V.P.Filatova
2. Akademiya nauk Ukrayins'koyi RSR (for Filatov). 3. Akademiya meditsinskikh  
nauk SSSR (for Filatov). (Serum)

SOV/138-58-8-10/11

**AUTHORS:** Volonchunas, A. Q. Shkikunas, V. and Mikisheva, A. P.

**TITLE:** Application of Designs on Rubber Boots (Naneseniye risunka na tsvetnyye rezinovyie sapozhki)

**PERIODICAL:** Kauchuk i Rezina, 1958, Nr 8, p 36 (USSR)

**ABSTRACT:** Previous methods of applying designs by typographic methods and special transfers are mentioned. The authors used this latter method and applied the adhesive "Nairit" on a 6% natural rubber solution and subsequent vulcanisation. The colour of dyes change slightly during vulcanisation. Satisfactory results were obtained when the designs were applied on non-vulcanised rubber with offset colours. After vulcanisation it is recommended to apply colourless lacquer based on SKB rubber. There is 1 Picture.

**ASSOCIATION:** Kombinat "Inkaras" ("Inkaras" Combine)

Card 1/1

~~POLOMCHINAS~~, A.O.; SHKIKUNAS, V.; MIKESHEVA, A.P.

Application of drawings on rubber boots. Kauch. i rez. 17 no.8:36  
Ag '58. (MIRA 11:10)

1. Kombinat "Inkaras."  
(Boots and shoes, Rubber) (Transfer printing)

VOLONGEVICH, Ye. F., Olshanskaya V. A., and Bondarenko, R. V.

"Orientation of Pictures on STD-1 by Using Four Altitude Points From Camera Determination of the Main Point of the Right Picture of the Stereocouple"

Sb. ref. Tseatr. n-1. in-ta geod., aeros'yemki i kartogr. No 1, 1954, 50-51

The method consists in the approximate orientation of the stereocouple tolerating 0.05 to 0.10 mm errors. The measured discrepancies of longitudinal parallaxes are used to fix the main point on the right picture as mean arithmetic of the two determinations. Thereafter the discrepancies of longitudinal parallaxes of basic points are established in relation to the main point of the right and the stereocouple definitely oriented. (RZhAstr, No 10, 1955)

SO: SUM-NO 787, 12 Jan 56

VOLOKHIN, Yu.V.

For further development of shale processing industry. Gaz.prom.  
no.1:17-20 Ja '56. (MLRA 10:1)  
(Oil shales) (Gas manufacture and works)

**"APPROVED FOR RELEASE: 08/09/2001**

**CIA-RDP86-00513R001860710012-5**

**APPROVED FOR RELEASE: 08/09/2001**

**CIA-RDP86-00513R001860710012-5"**

VOLONIKHIN, Yu.V.

11(4)

PHASE I BOOK EXPLOITATION

SOV/1868

**Nauchno-tekhnicheskoye obshchestvo neftyanoy promyshlennosti**

**Puti razvitiya gazovoy promyshlennosti SSSR; materialy Vsesoyuznogo soveshchaniya**  
(Trends in the Development of the Gas Industry in the USSR; Materials Presented  
at the All-Union Conference) Moscow, Gostoptekhnizdat, 1958. 432 p. 3,000  
copies printed.

**Eds:** A.D. Brents, B.S. Itsksen, P.G. Komissarov, Ye.A. Krens, V.I. Popov,  
V.N. Raaben, N.I. Ryabtsev, P.A. Tesner, A.S. Pal'kevich; **Exec. Eds.:**  
N.I. Stepanchenko and M.M. Nevikova; **Tech. Ed.:** E.A. Makhina;  
**Editorial Board:** M.V. Sidorenko (Chief Ed.), K.S. Zarenko, Ye.A. Krens,  
V.N. Raaben, and N.I. Ryabtsev.

**PURPOSE:** The book is intended for specialists engaged in the production and  
gathering of natural gas, the extraction of gas from coal and shale, the con-  
struction and operation of trunk gas pipelines, gas supply to cities, and the  
processing of gas.

Card 1/11

**Trends in the Development of the Gas (Cont.)**

SOV/1868

**COVERAGE:** The authors review the basic trends in the development of the USSR gas industry, the prospecting and exploration of new gas deposits, the gasification of solid fuels, the gathering and utilization of natural gas, the automation of gas field operations, the exploitation of gas wells, and ways to increase output. They further discuss the processing of natural gas with application of refrigeration, the experience gained in the laying and operating of trunk gas pipelines, the automation of gas pipeline operation, and underground gas storage facilities. There are no references.

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AVAILABLE: Library of Congress

Card 11/11

TM/fal  
7-15-59

*Volonokhin, Yu. V.*  
VOLONOKHIN, Yu. V.

Sweden's gas industry. Gaz. prom. no.1:47-52 Ja '58. (MIRA 11:2)  
(Sweden--Gas industry) (Sweden--Gas appliances)

VOLONIKHIN, Yu.

~~New means~~ of developing the gas industry in Scotland. Gas. prom.  
no.6:50-51 Jo '58. (MIRA 11:6)

(Scotland--Gas industry)

Volonikhin, Yu. V.  
11(2,7)

PHASE I BOOK EXPLOITATION

SOV/2416

Gazosnabzheniye vostochnykh rayonov SSSR na osnove gazifikatsii tverdykh topliv (Supplying the Eastern Regions of the USSR With Gas Produced by Solid Fuel Gasification) Moscow, Gostoptekhizdat, 1959. 214 p. 2,000 copies printed.

Ed.: N.V. Shishakov, Doctor of Technical Sciences; Executive Ed.: T. D. Yefremova; Tech. Ed.: A.V. Trofimov.

PURPOSE: This collection of articles is intended for designing, planning, and scientific research personnel, as well as for engineers, technicians, and students specializing in solid fuel gasification.

COVERAGE: This collection of articles describes the problem of supplying the eastern regions of the USSR with synthetic gas derived from the gasification of solid fuels to overcome that area's lack of natural gas. Individual articles discuss the distribution of the region's coal deposits, the quality and types of coal encountered, gasification process, and the economics involved in the production and supply of the synthetic gas product. The author thanks V.S. Al'tshuler, Doctor of Technical Sciences. References accompany each article.

Card 1/4

Supplying the Eastern Regions of the USSR (Cont.)

90V/2416

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200

AVAILABLE: Library of Congress (TP735.R92537)

Card 4/4

TM/fal  
10-20-59

VOLONIKHIN, Yu.V.; RYABTSEV, N.I.

*For the further improvement of gas appliances for district and domestic use. Gas. prom. 4 no.4:29-33 Ap '59. (MIRA 12:6)*  
(Gas appliances)

SIDORENKO, M.V., red.; VOLONIKHIN, Yu.V., red.; GORECHENKOV, G.I., red.;  
IVANTSOV, O.M., red.; MAL'KOV, I.A., red.; TESNER, P.A., red.;  
YENISHEKOVA, O.M., vedushchiy red.; RASPOVA, G.V., vedushchiy  
red.; SOLGANIK, G.Ya., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Techniques of the gas industry abroad; papers and reports  
presented at the 7th International Gas Congress] Tekhnika saru-  
beznoi gazovoi promyshlennosti; doklady i referaty. Moskva,  
Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960.  
367 p. (MIRA 13:11)

1. International Gas Congress. 7th, Roma.  
(Gas industry)

VOLODKOV, P.P.; URALOV, N.S.; CHERNOVSKAYA, E.N.

Basic outline of the hydrochemical conditions of the littoral zone  
of the Barents Sea in the Central Murman region. Trudy Murmanskoy  
Biol. Stantsii, Akad. Nauk S.S.S.R. 1, 39-101 '48. (MLRA 3:11)  
(CA 47 no.13:6198)

VOLONSKIY, YaS.; ALEKSANDROV, A.I.

Using deep etching for removing decarbonized layer from metal surface. Sbor. rats. predl. vnedr. v poizv. no.2:26-27 '61.

(MIRA 14:7)

1. Zavod "Dneprospetsstal'".  
(Etching)

KOSYGIN, Yu.A.; BASHARIN, A.K.; BERZIN, N.A.; VOLONTEY, G.M.;  
VOTAKH, O.A.; KRASIL'NIKOV, B.N.; PATEROV, L.M.;  
SHPAKOVSKAYA, L.I., red.

[Pre-Cambrian tectonics of Siberia] Dokembriiskaya tek-  
tonika Sibiri. Novosibirsk, Red.izd. otdel Sibirskogo  
otd-niia AN SSSR, 1964. 124 p. (MIRA 18:1)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut  
geologii i geofiziki. 2. Chlen-korrespondent AN SSSR  
(for Kosygin).

VOLONTSEVICH, I. D.

USER/Miscellaneous - Machine tools

Card 1/1 Pub. 103 - 19/23

Authors : Volontceвич, I. D., and Iuchikhin, A. A.

Title : ~~Flux for copper soldering of cutting tools~~  
Flux for copper soldering of cutting tools

Periodical : Stan. 1 instr. 2, page 37, Feb 1954

Abstract : A new highly effective flux VL-1 for copper soldering of cutting tools is briefly described. The mechanical mixture of the flux consists of finely ground fused borax sifted through a 30 mesh sieve and 10% copper phosphide pulverized for sifting through a 70 mesh sieve. The results obtained with the VL-1 flux are tabulated. Table.

Institution : .....

Submitted : .....

MAGER, M.I.; PELYAKH, M.A.; GURBONOV, E., red.; VOLONTIR, I.G., red.;  
GORYACHENKO, P., tekhn. red.

[Viticulture in Bulgaria] Vinogradarstvo Bolgarii. 2., perer. i  
dop. izd. Kishinev, Izd-vo sel'khoz.lit-ry M-va sel',khoz.  
Moldavskoi SSR, 1962. 137 p. (MIRA 16:2)  
(Bulgaria--Viticulture)

VOLONTIR, I. G.

Agriculture.

Grapevine stock. Kishinev, Gos. izd-vo Moldavii, 1951.

9. Monthly List of Russian Accessions, Library of Congress, June 195~~1~~<sup>2</sup> Uncl.

VOLONTSEVICH, I. D.

USSR/Engineering-Welding

Card : 1/1

Authors : Volontsevich, I. D., Engineer and Luchikhin, A. A., Engineer

Title : Automatic welding of ring-shaped parts..

Periodical : Vest. Mash. 34/5, 77 - 78, May 1954

Abstract : The authors have developed and tested a method of making ring-shaped parts, by bending pieces of rolled metal and welding the ends together. The advantages of such joints is especially noticeable in the case of larger pieces (500 - 1,000 mm or larger). Illustration; drawing.

Institution : ....

Submitted : ....

VERDEREVSKIY, D.; VOLONTIR, I.; GLAZUNOV, K.; KOLESNIK, L.; LUKASHEVICH,  
P.; MAGER, M.; MALTABAR, L.; ROMANOV, I.; KATS, G., red.;  
BIZYUK, G., red.; MANDELBAUM, M., tekhn.red.

[Manual on viticulture] Kartia vitikultorului. Kishineu, Editura  
de stat a Moldovei, 1957. 398 p. (MIRA 12:10)  
(Viticulture)

VOLONTSEVICH, A., gvardii podpolkovnik

Preparation of firing data from closed fire positions. Voen.  
vest. 41 no.5:111-113 My '61. (MIRA 14:8)  
(Artillery--Problems, exercises, etc.)

VOLONTSEVICH, Igor' Dmitriyevich; SUKMANOV, V.F., red.; SUKMANOVA,  
K.G., tekhn. red.

[New techniques in welding]Novoe v svarke. Perm', Permskoe  
knizhnoe izd-vo, 1962. 34 p. (MIRA 15:11)  
(Welding--Technological innovations)

VOLONTSEVICH, I. D.

②

Flux for copper brazing of cutting tools. I. D. Volontsevich and A. A. Luchikhin. *Stanki i Instrumenty* 23, No. 2, 37(1054). Stronger joints are produced when fused borax is replaced as a flux with a mixt. of one part of 70-mesh P-Cu alloy and 10 parts of fused borax ground together in a ball mill for 15-20 min. J. D. Gat

VOLONTSEVICH, I.D., inzhener; LUCHIKHIN, A.A., inzhener.

~~Automatic welding of ring-shaped parts.~~ Vest.mash.34 no.5:77-78 My '54.  
(MLRA 7:6)

(Electric welding)

VOLONTSEVICH, I.D.; LUCHIKHIN, A.A.

Flux for soldering a cutting tool with copper. Stan.1 instr. 25 no.2:  
37 F '54. (MLRA 7:5)

(Cutting tools) (Solder and soldering)

GAVRANEK, V.V., kand.tekhn.nauk, dotsent; BOL'SHUTKIN, D.N., kand.tekhn.nauk;  
VOLONTSEVICH, O.A., inzh.

Investigating the erosion strength of steel hardened by electric  
spark treatment and subjected to grinding. Vest.mashinostr. 43  
no.9:62-64 S '63. (MIRA 16:10)

CHURAYEV, N.V.; YAKOVLEV, A.I.; VOLODOVICH, M.P.; FLEKSER, N.Ya.; VARTAZAROV,  
S.Ya.

Use of isotopes and radiation sources in hydrology and hydrogeology.  
Atom. energ. 18 no.3:264-268 Mr '65.

(MIRA 18:3)

VOLOS, Z.F. inzh.

Spontaneous sinking of sink pits. From. stroi. 37 no.6:53-54  
Je '59. (MIRA 12:8)

(Pumping stations--Equipment and supplies)  
(Precast concrete construction)

25660  
S/080/60/033/017/017/024  
D209/D305

5.2200 1081, 1273, 1530

AUTHORS: Usachev, P.V., Golubkov, A.V., and Volosamova, I.S.

TITLE: Synthesis of HgSe and HgTe

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 12, 1960,  
2771 - 2772

TEXT: Since little information has been published on the synthesis of HgSe and HgTe, this question is considered in some detail by the authors. Examination of the relevant literature shows that methods for synthesizing HgSe and HgTe were respectively developed by A.I. Blum et al (Ref. 1: Zh. tekhn. fiziki, 21, 316, 1951) and E.I. Nikol'skaya et al (Ref. 2: Zh. tekhn. fiziki, 25, 1347, 1955). Certain aspects of the preparation of HgTe have also been studied by O.D. Elpat'yevskaya et al (Ref. 3: Zh. tekhn. fiziki, 26, 2154, 1956) and I.M. Tsidilkovskiy (Ref. 4: Zh. tekhn. fiziki, 27, 1744, 1957), while R.O. Carlson and other scientists have devised a modified process for obtaining this compound. The basic materials are

Card 1/3

25660  
S/080/60/033/012/017/024  
D209/D305

### Synthesis of HgSe and HgTe

Se, processed Te and purified Hg. The experimental apparatus consists of a thick-walled ampoule with a capacity of 35 - 40 cm<sup>3</sup>, a length of 110 mm, an inner diameter of 20 mm and an internal pressure of about 40 atm. After insertion of the powdered Te and Se and Hg amalgam the ampoule is placed horizontally inside a stout copper vessel in the furnace, the apertures of the copper vessel and furnace being sealed with asbestos for heat-insulation. In the case of HgSe the ampoule temperature is brought to 800° for 6 - 8 hours and is then cooled after a 20 - 30 minute period of soaking; a temperature of 675° is required for the formation of HgTe. The selenide and telluride thus obtained have a glistening color, the former substance being slightly darker with a bluish hue. Their respective melting points are 793° and 667°. In the opinion of the authors there are three points worthy of further consideration. The first and most important is the need for ~~the~~ fine grinding of Se and Te to ensure their reaction with Hg, although this may entail the risk of their slight oxidation during pulverization. Tests conducted by the authors, however, indicate that the essential properties

Card 2/3

Synthesis of HgSe and HgTe

25660

S/080/60/033/012/017/024  
D209/D305

of HgTe -- its electroconductivity and thermoelectromotive force -- prepared from both coarse and powdered Te are almost identical. Secondly, the horizontal position of the ampoule prevents any fracturing that might result from the increase in volume of the reaction mixture at a temperature of 200 - 500°. The third feature is the appearance of small amounts of mercury after the heating and cooling of the chalcide in consequence of the uneven temperature inside the ampoule. During the reaction this gaseous mercury both inhibits the dissociation and vaporization of the chalcide and restricts its secretion. Free mercury is not detected in reactors with no temperature gradient. Decomposition of HgSe and HgTe can also be avoided by introducing a small quantity of Hg into the heated ampoule. There are 6 references: 4 Soviet-bloc and 2 non-Soviet-bloc. The reference to the English-language publications read as follows: R.O. Carlson, Phys. Rev., III, 2nd ser., 476, 1958; W.O. Lawson et al, Phys. and Chem. of Solids, 9, 325, 1959.

SUBMITTED: April 5, 1960

Card 3/3

SOURCE CODE: UR/0413/66/000/019/0109/0109

ACC NR: AP6035746

(A)

INVENTORS: Balandin, M. P.; Volosatov, A. K.; Antonenko, I. Ya.; Bushtets, P. P.; Zhirnov, A. I.; Ivanov, Yu. V.; Kruglyakov, M. L.; Mordukhovich, A. I.; Popov, P. K.; Smetnev, S. D.; Fanfaroni, F. I.; Shcherbakov, A. M.; Krivoshey, M. N.

ORG: none

TITLE: A device for broadcasting pesticides and meliorating substances. Class 45, No. 166787 [announced by All-Union Scientific Research Institute for Mechanization of Agriculture (Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 109

TOPIC TAGS: agricultural machinery, agricultural engineering, broadcasting operation, pesticide, fertiliser

ABSTRACT: This Author Certificate presents a device for broadcasting pesticides and meliorating substances. The device contains a tank divided into sections, broadcasting mechanisms, receiving chambers of the fertilizer duct, and a driving mechanism. To provide for a uniform broadcasting of a material, the broadcasting mechanisms are made in the shape of cones mounted on a common shaft carrying a spiral with the opposite direction of coil loops. Every revolving cone may be spring loaded and may

UDC: 631.333.9

Card 1/2

ACC NR: AP6035746

be contained, together with a receiving chamber, in a common casing.

SUB CODE: 02, <sup>06</sup>/<sub>13</sub> SUBM DATE: 23Apr65

Card 2/2

GOLIKOV, Aleksandr Arsen'Yevich; POTEKUSHIN, Nikolay Vasil'yevich;  
GOLUBEVA, K.A., inzh., retsenzent; MASLIY, K.Ya., ruborez,  
retsenzent; ZHUKOV, P.A., kand.ekon.nauk, red.; VOLOSATOV,  
A.Ya., red. vypuska; BELYAKOV, M.N., red.; KON'KOV, A.S.,  
inzh., red.; ROZENBERG, I.A., kand.ekon.nauk, red.; SMIR-  
NITSKIY, Ye.K., kand.ekon.nauk, red.; SUSTAVOV, M.I., inzh.  
red.; DUGINA, N.A., tekhn.red.

[How to save metals] Kak luchshe ekonomit' metall. Moskva,  
Mashgiz, 1960. 40 p. (Biblioteka rabochego mashinostroitel'stva.  
Seria: "Osnovy konkretnoi ekonomiki," no.9) (MIPA 14:5)  
(Metalwork) (Metals, Substitutes for)

VOLOSATOV, Viktor Alekseyevich; BORSHCHEVSKAYA, S.I., red.; POL'SKAYA,  
R.G., tekhn.red.

[Pneumatic attachments for machine tools] Pnevmaticheskie priso-  
sobleniia k metallorezhushchim stankam. Leningrad, Lenizdat,  
1961. 182 p. (MIRA 14:6)  
(Machine tools--Attachments)

VOLOSATOV, B.M., inzhener-kontr-admiral

Greater attention to the living conditions of sailors. Mor.  
sbor. 48 no.6:18-23 Je '65.

(MIPA 18:6)

25(2)

PHASE I BOOK EXPLOITATION

SOV/3191

Volosatov, Viktor Alekseyevich

Konstruktsii universal'nykh pnevmaticheskikh prispособleniy (Design of Universal Pneumatic Fixtures) [Leningrad] Lenizdat, 1959. 190 p. 3,000 copies printed.

Ed.: S. I. Borshchevskaya; Tech. Ed.: L. G. Levonevskaya.

**PURPOSE:** This book is intended for qualified workers, designers, and engineers of metalworking plants operating in the field of industrial production machinery.

**COVERAGE:** The data in this book are based on the experiments of Leningrad factories. The book considers the designs of universal pneumatic fixtures for basic types of metal-cutting machine tools, such as lathes, turret lathes, milling machines, drills, and planers. It also describes labor-saving devices for mechanization of manual and bench work. The author expresses his gratitude to the engineers in the Leningrad factories—V. A. Druzhinin, B. G. Distfel'd, M. Z. Zapol'skikh, and V. I. Platonov—for their help in selecting the material for the book. There are 10 Soviet references.

Card 1/3

Design of Universal Pneumatic Fixtures

SOV/3191

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Design of Universal Pneumatic Fixtures

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AVAILABLE: Library of Congress	AC/mg
Card 3/3	3-22-60

8 (6)

AUTHORS:

Volosatov, O. P., Engineer, 307/105-59-6-27/28  
Grichevskiy, E. Ya., Engineer, Prangulyan, V. I., Engineer,  
Zul', N. M., Candidate of Technical Sciences, Yakoba, A. I.,  
Candidate of Technical Sciences

TITLE:

S. A. Burguchev. Power Stations and Substations for Agriculture.  
A Manual for the Departments of Electrification in Agriculture.  
671 Pages, Price 16 Rubles 5 Kopecks, Publishing House Sel'khozgiz,  
1958 (S. A. Burguchev. Elektricheskiye stantsii i podstantsii  
sel'skokhozyaystvennogo naznacheniya. Uchebnoye posobiye dlya  
fakul'tetov elektrifikatsii sel'skogo khozyaystva. 671 str.,  
ts. 16 rub. 5 kop. Sel'khozgiz, 1958)

PERIODICAL:

Elektrichestvo, 1959, Nr 6, pp 95 - 96 (USSR)

ABSTRACT:

This is a book review. The author has written this valuable  
book backed by his long engineering and teaching experience.  
It can be used by students and by engineers working in the  
electrification of agriculture. It may come in useful also for  
extension courses. It is very well arranged, and all basic  
chapters of the course have been given ample space. The subject  
is discussed from the viewpoint of modern engineering solutions.

Card 1/2

S. A. Burguchev. Power Stations and Substations SOV/105-59-6-27/28  
for Agriculture. A Manual for the Departments of Electrification in Agriculture  
671 Pages, Price 16 Rubles 5 Kopecks, Publishing House Sel'khozgiz, 1958

A great deal of attention is also paid to the physical interpretation of problems. A sufficient number of sample problems are added. The book has 12 sections with 44 chapters. A short summary of each chapter is given, and rare shortcomings are indicated.

ASSOCIATION: Giprosel'elektro (All-Union Institute for the Design and Planning of Rural Electrification), VIESKh (All-Union Scientific Research Institute of Rural Electrification)

Card 2/2

VOLOSATOV, V.

[Mechanizing the laying out of sheet-metal work] Mekhanizatsiia rabot  
po raskreiu listevogo materiala. Leningrad. Leningradskoe gazetno-  
shurnal'noe i knizhnoe izd-vo, 1953. 64 p. (MIRA 9:5).  
(Sheet-metal work)

AID P - 5382

Subject : UESR/Engineering

Card 1/1 Pub. 103 - 12/28

Authors : Gel'berg, B. T., and V. A. Volosatov

Title : Pitch control of the guide screw in coordinate boring machines

Periodical : Stan. i instr., 9, 29, S 1956

Abstract : The authors describe the simplified method of pitch inspection with precision up to 0.002mm in guide screws of coordinate-boring machines. The new method reduces the time for verification from 50 to 4 hrs. Two drawings.

Institution : None

Submitted : No date

VOLOSATOV, V.A.

AID P - 4852

Subject : USSR/Engineering  
Card 1/1 Pub. 103 - 12/26  
Authors : Gel'berg, B. T. and V. A. Volosatov  
Title : Modernization of polishing machines  
Periodical : Stan. 1 instr., 2, 31-34, F 1956  
Abstract : The authors describe case of alteration and improvements made in 8 polishing machines "Unger", "Landis", "Reineker" and the SK-371, 3G12 and 3G12M at the Leningrad Printing Machines Plant by the initiative of B. T. Gel'berg, its mechanic. The spindle assembly, the support of the polishing headstock, and the piston in the cylinder of the longitudinal feed mechanism were substantially re-constructed as described and illustrated in this article. Nine drawings.  
Institution : As above  
Submitted : No date

VOLOSATOV, V.A.; SVERDLOV, M.N., redaktor; RODCHENKO, M.I., tekhnicheskii  
redaktor.

[Mechanizing the work of laying out sheet material] Mekhanizatsiia  
rabot po raskreiu listevogo materiala. Leningrad. Leningradskoe  
gazetno-zhurnal'noe i knizhnoe izd-vo, 1953. 64 p.  
[Microfilm] (Sheet-metal work) (MLRA 9:6)

GEL'BERG, B.T.; VOLOSATOV, V.A.

Modernizing oil conduits in grinding machines. Stan.i instr. 29  
no.6:40 Je '58. (MIRA 11:7)  
(Grinding machines)

VOLOSATOV, V.A.

Improve the design of turret lathes. Stan. 1 instr. 30 no.2:40 P '59.  
(MIRA 12:3)

1. Starshiy konstruktor Zavoda poligraficheskikh mashin, Leningrad.  
(Lathes)

VOLOSATOV, V.A.

"Fundamentals of the construction of pneumatic and hydraulic attachments" by IU.A.TSiporin, IU.I.Kuznetsov. Reviewed by V.A.Volosatov. Mashinostroitel' no.2:47 F '62. (MIRA 15:2)  
(Machine tools--Attachments)

SOV/122-58-6-26/37

AUTHOR: Volosatov, V.A.

TITLE: Pneumatic Clamping Collets for Capstan Lathes (Pnevmoza-  
zhimnyye patrozy dlya revol'vernoykh stankov)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 6, pp 64-67 (USSR)

ABSTRACT: Several designs of pneumatic collets are described wherein the pneumatic cylinder surrounds the collet and the clamping mechanism is actuated directly by the cylinder without a central push-pull element. Cross-sectional drawings are reproduced of 4 different designs with different cylinder arrangements and wedging mechanisms. The two larger sizes have housings attached to the spindle stock.  
There are 4 figures.

1. Machine tools--Equipment    2. Flanges--Design

Card 1/1

VOLOSATOV, V. A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 509 - I

BOOK

Call No.: AF639674

Author: VOLOSATOV, V. A.

Full Title: METAL SHEET STAMPING WITH LITTLE OR NO WASTE

Transliterated Title: Bezotkhodnaya i malootkhodnaya shtampovka  
listovykh detaley

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of  
Machine-Building Literature (Mashgiz)

Date: 1953

No. pp.: 78

No. of copies: 7,000

Editorial Staff

Editor: Nedorezov, V. Ye., Kand. of Tech. Sci.

Appraiser: Vayntraub, D. A., Eng.

TEXT DATA

Coverage: This monograph deals with the manufacturing of machine elements out of sheet metal by means of cold stamping with little or no waste of material. The author explains how to save materials by the efficient laying out of patterns for stamping forms out of a strip. This method is now widely used in the Soviet Union. The monograph contains detailed descriptions of the processing and equipment, with illustrations, diagrams and tables.

1/3

Bezotkhodnaya i malootkhodnaya shtampovka listovykh detaley AID 509 - I

Purpose: The book is intended for engineers and technicians working in cold stamping.

Facilities: None

No. of Russian and Slavic References: 21 (1941-1952)

Available: A.I.D., Library of Congress.

3/3

VOLOSATOV, V.A.; VYDRIN, A.I.; GAMUS, M.Z.; BORSHCHEVSKAYA, S.I., red.;  
SHERMUSHENKO, T.A., tekhn.red.

[Complex plan for every worker] Kompleksnyi plan - na kashdoe  
rabochee mesto. Leningrad, Lenizdat, 1959. 161 p. (MIRA 13:5)  
(Machine-shop practice--Technological innovations)

VOLOSATOV, Viktor Alekseyevich; ROZENSON, S.A., inzh., ratsenzent; OBOLDUYEV,  
G.T., inzh., red.; LBYKINA, T.L., red. izd-va; SOKOLOVA, L.V., tekhn.  
red.

[Pressure cutting machine operator] Rezhik-pressovshchik. Moskva,  
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 105 p.  
(Metal cutting) (MIRA 11:9)

VOLOSATOV, V.A.

Pneumatic chucks for turret lathes. Vest. mash. 38 no. 6:04-67  
Je '58. (MIRA 11:7)

(Chucks)

VOLOSATOV, V.A.  
SAMSONOV, G.I.

"Stamping parts from sheet metal without and with small waste."  
V.A.Volosatov. Reviewed by G.I.Samsonov. Avt.trakt.prom. no.9:32-  
~~35 S 34.~~ (MLRA 7:10)

1. Moskovskiy avtozavod imeni Stalina.  
(Volosatov, V.A.) (Sheet-metal work)

VOLOSATOV, V.A.

VOLOSATOV, V.A.

~~VOLOSATOV, V.A.~~  
Mechanical punch. Stan. 1 instr. 25 no.5:26 My '54. (MIRA 7:6)  
(Punches)

VOLOSATOV, V. A.

USSR/Miscellaneous - Industrial Processes

Card 1/1

Author : Volosatov, V. A.

Title : Mechanical Countermunch

Periodical : Stan. i Instr., No. 5, page 26, May 1954

Abstract : The author describes a special mechanical countermunch. The new tool is of simple construction, highly effective and safe in operation. The cost of such a mechanical countermunch is estimated at 150 - 200 rub. Drawings of the tool are included.

Institution : ...

Submitted : ...

VOLOSATOV, V. A.

Bezotkhodnaia i malootkhodnaia shtampovka listovykh detalei / Sheet-metal parts punching with little or no waste/. Leningrad, Mashgiz, 1953. 79 p.

SO: Monthly List of Russian Accessions . Vol. 6 No. 7 October 1953

GEL'BERG, B.T.; VOLOSATOV, V.A.

Measuring the pitch of the lead screw in jig boring machines.  
Stan.1 instr. 27 no.9:29 S '56. (MLBA 9:11)  
(Measuring instruments) (Drilling and boring machinery)

VOLOSATOV, V.A.; GYL'BERG, B.T.

Universal equipment for controlling the precision of machines following repair. Stan. 1 instr. 27 no.11:25-28 W '56. (MIRA 10:1)  
(Measuring instruments) (Machine-shop practice)

VOLOSATOV, Y.A.

New methods for trimming with dies. Mashinostroitel' no.7:22-24  
Jl '60. (MIRA 13:7)  
(Dies (Metalworking))

VOLOSATOV, V. A.

Mekhanicheskiiy Kerner (Mechanical Punch)

Stanki 1 Instr, #5, May 54

VOLOSATOV, V.A.; PAVLYUCHUK, A.I., inzhener

Deep drawing and clipping of hollow objects in one operation. Vest.  
mash.35 no.8:48-50 Ag'55. (MLRA 8:10)  
(Deep drawing (Metal work))

VOLOSATOV, V. A., Eng.

Sheet Metal Work

Rational lay-out of strips for cold stamping, Vest. mash., 32, No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 Uncl.

PHASE I

APPROVED FOR RELEASE: 08/09/2001

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

CIA-RDP86-00513R001860710012-5"

BOOK

Call No.: AF639674

Author: VOLOSATOV, V. A.

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listovykh detaley

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of  
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Date: 1953

No. pp.: 78

No. of copies: 7,000

Editorial Staff

Editor: Nedorezov, V. Ye., Kand. of Tech. Sci.

Appraiser: Vayntraub, D. A., Eng.

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Bezotkhodnaya i malootkhodnaya shtampovka listovykh detaley AID 509 - I

Table of Contents	Pages
Foreword	3-4
Ch. I Technological Bases of Stamping with Little or no Waste	5-17
(Classification of the methods of laying out of patterns for stamping forms out of a strip; Equipment).	
Ch. II Technical and Economic Advantages	18-25
(Saving of material and labor in manufacturing the machine elements; Lowering the cost of manufacturing the dies; Efficient use of presses).	
Ch. III Quality and Precision of Stamped Machine Elements	26-35
(Surface quality; Precision of size and shape).	
Ch. IV Design of Machine Elements allowing for Stamping with Little or no Waste	36-50
(Requirements; Examples of the machining of elements).	
Ch. V Designs of Dies for Stamping with Little or no Waste	51-76
(Selection of the designs of die elements; single-operation and multiple-operation dies; Pitch-shearing dies).	

VOLOSATOV, V.A.

[Die stamping of sheet metal parts with little or no waste] Bezotkhodnaia  
i maloetkhodnaia shtampovka listovykh detalei. Leningrad, Gos.nauchno-  
tekhn. izd-vo mashinostroit.lit-ry [Leningradskoe otd-nie] 1953. 75 p.  
(MIRA 6:8)  
(Sheet-metal work)

OEL'BERG, B.T.; VOLOSATOV, V.A.

Modernization of grinding machine units. Stan. 1 instr. 27 no.2:  
31-34 F '56. (Grinding machines) (MLRA 9:7)

VOLOSATOV, Viktor Aleksayevich; KOVALEV, A.M., inzh., ved. red.;  
KOSTROMIN, F.P., kand.tekhn. nauk, red.; PONOMAREV, V.A.,  
tekhn. red.

[Universal pneumatic attachments for turret and turning lathes]  
Universal'nye pnevmaticheskie prispособleniia k revol'vernykh i  
tokarnykh stankam. Moskva, Filial Vses.in-ta nauchn. i tekhn.  
informatsii, 1958. 22 p. (Peredovoi nauchno-tekhnicheskii i pro-  
izvodstvennyi opyt. Tema 10. No.M-58-145/26) (MIRA 16:3)  
(Lathes--Attachments)

VOLOSATOV, Viktor Alekseyevich; BORSHCHEVSKAYA, S.I., red.; LEVONEVSKAYA,  
L.G., tekhn.red.

[Designs of all-purpose pneumatic devices] Konstruktsii univer-  
sal'nykh pnevmaticheskikh prispособlenii. Lenizdat, 1959. 190 p.  
(Machine tools--Pneumatic driving) (MIRA 12:5)

VOLOSATOV, Viktor Alekseyevich

[Universal and universal-group pneumatic attachments] Universal'nye i universal'no-gruppovye pnevmaticheskie pri-sposobleniia. Leningrad, Leningr. Dom nauchno-tekhn. pro-pagandy, 1959. 26 p. (Obshchestvo po rasprostraneniui poli-ticheskikh i nauchnykh znanii, Seria: Mekhanicheskaiia ob-rabotka metallov, no.22) (MIRA 14:12)  
(Jigs and fixtures)

DRUZHININ, V.A.; VOLOSATOV, V.A.; CHERVOVA, M.S., red.; PRESNOVA,  
V.A., tekhn. red.

[Cutter-pressor] Rezhik-pressovshchik. Leningrad, Len-  
izdat, 1963. 144 p. (MIRA 16:12)  
(Shears (Machine tools))

VOLOSATOV, V.D.

Device for high-speed drilling on automatic lathes. Mashino-  
stroitel' no.12:17 D '59. (MIRA 13:3)  
(Lathes--Attachments)

VOLOSATOV, Vladimir Yemel'yanovich; GAVRILOV, I.N., red.; SHVARTS,  
A.M., tekhn. red.

[They are building a future]Oni stroiat zavtrashnii den'.  
Riazan', Riazanskoe knizhnoe izd-vo, 1960. 31 p.  
(MIRA 15:12)

(Ryazan—Petroleum refineries)

13

*B*

RELAXATION OF AUSTENITIC STEEL AT ROOM TEMPERATURE. (In Russian.) I. A. Oding and E. N. Vukosavljev. Doklady Akademii Nauk SSSR (Reports of the Academy of Sciences of the USSR), new ser., v 71, Apr. 1, 1950, p. 659-662.

The above was investigated for an 18-8 austenitic steel and low-carbon  $\alpha$ -iron. Relaxation was determined under initial stresses of 5, 10, 15, 20, 35, and 42 kg. per sq. mm. over a period of 1600 hours. Data are charted and discussed and their practical application indicated.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

AMR

Rheology (Plastics, Viscoelastic Flow)

58

107. Uding, I. A., and Voloskova, E. N., Relaxation of austenite steel at room temperature (in Russian), *Izvestiia Akad. Nauk SSSR (N.S.)* 71, 4, 650 662, Apr. 1950.

Jan 52

DETAILS OF LITERATURE CLASSIFICATION

~~VOLOSATOV, Vladimir Yemel'yanovich; GAVRILOV, I.N., red.;~~  
~~AZGVKIN, N.G., term. red.~~

[People aim at the peaks] Liudi idut k vysotam. Riazan',  
Riazanskoe knizhnoe izd-vo, 1961. 37 p. (MIRA 16:9)  
(Ryazan--Chemical industries)  
(Ryazan--Construction workers--Education and training)

VOLOSATOVA, A.I.; OZEROVA, A.S.; CHIZHOV, A.F.

Feeding and recording system for omegatron type mass spectrometers. Trudy TSO no.46:101-105 '63. (MIRA 17:1)

VOLOSATOVA, K.I.

Work of technical information employees at the "Skorokhod"  
Shoe Combine in Leningrad. HTI no.9:13-17 '65.

(MIRA 19:1)

USACHEV, P.V.; GOLUBEV, A.V.; VOLOSATOVA, N.S.

Synthesis of  $HgSe$  and  $HgTe$ . Zhur. prikl. khim. 33 no.12:2771-2772  
D '60. (MIRA 14:1)  
(Mercury selenide) (Mercury telluride)

VOLOSATOVA, YE. N.

USSR/Metals - Austenite

1 Apr 50

"Relaxation of Austenite Steel at Room Temperature," I. A. Odling, Corr Mem, Acad of Sci USSR, Ye. N. Volosatova

"Dok Ak Nauk SSSR" Vol LXXI, No 4, pp 659-662

Relaxation curves for low-carbon steel-alpha and austenite steel EYalt (i.e., stress in kg/sq mm, 0-25, vs time in hours, 0-1,600). Other types of austenite steels similarly studied, at room temp were EI-395, 402, 69, 452, 432. Relaxation studied for repeated loads on EYalt. Submitted 31 Jan 50.

175T60

FDD

ODING, I.A.; VOLOSATOVA, Ye.N.; IVANOVA, V.S.

Investigation of relaxation, creep and endurance properties of the  
Ela-1T Armko iron and steel at fluctuating temperatures. Trudy Ser.  
po proch. det. mash.1 no.2:3-30 '53. (MLRA 7:1)

1. Chlen-korrespondent Akademii nauk SSSR (for Oding).  
(Steel) (Iron) (Creep of metals)

CA

Relaxation of austenitic steel at room temperature  
I. A. Orling and E. N. Volynskaya. Doklady Akad.  
Nauk S.S.S.R. 71, 650-62 (1959). -- An expl. study on ring  
specimens was made of the room-temp. relaxation of low-C  
iron normalized at 950° and of 18-8 stainless steel water  
quenched from 1150°. The iron showed no relaxation in  
1000 hrs. at stresses up to 10 kg./sq. mm., but 18-8  
showed relaxation at all stresses in the range of 8 to 42  
kg./sq. mm. At an initial stress of 31 kg./sq. mm. the  
stress decreased to 23 kg./sq. mm. In almost all instances  
the decrease occurred during the first 100 hrs. of the test.  
Five other austenitic steels tested also relaxed. On suc-  
cessive restressing the amt. of relaxation decreased, so  
that when 18-8 was stressed to 42 kg./sq. mm. for the  
sixth time almost no relaxation occurred. Creep in aus-  
tenitic steels may be responsible for more than a 10%  
decrease in Young's modulus detd. from stress-strain re-  
laxations.  
A. G. Guy

PROCESSED AND RECORDED HERE

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507-Q. Relaxation of Austenitic Steel at Room Temperature. (In Russian) I. A. Odintsov and E. N. Voloskova Doklady Akademii Nauk SSSR (Reports of the Academy of Sciences of the USSR), new ser., v. 71, Apr. 1, 1960, p. 688-692.

Investigated for an 15-S austenitic steel and low-carbon  $\alpha$ -iron. Relaxation was determined under initial stresses of 5, 10, 15, 20, 35, and 42 kg. per sq. mm. over a period of 1800 hr. Practical application indicated. (Q3, SS, Fe)

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SUBJECT INDEXING		CLASSIFICATION	
LANGUAGE	SUBJECT INDEXING	CLASSIFICATION	REMARKS
RUSSIAN	RELAXATION OF STEEL	621.777.01	

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RELAXATION OF AUSTENITIC STEEL AT ROOM TEMPERATURE.  
I. A. Oling and E. N. Volkova. Henry Brather.  
Translation No. 2545, 6 pages. From Doklady Akademii  
Nauk SSSR (Reports of the Academy of Sciences of the  
USSR), new ser., v. 71, Apr. 1, 1950, p. 1050 (10).  
Previously abstracted from original

ASB-35A METALLURGICAL LITERATURE CLASSIFICATION